Syntax parser for a video decompression processor

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Abstract of **EP0710027**

A video syntax parser (40) is provided for a video decompression processor (20). A compressed bitstream (106) is examined until a start code (100) is located. The start code (100) is decoded to enable a particular parser state corresponding thereto to be initiated. The parser state is communicated to a plurality of subsystems (36, 42, 44, 46, 48, 52, 54, 56) of the video decompression processor (20). Each subsystem monitors the parser state to determine which parsed data following the start code, if any, is intended for that subsystem. The subsystem then retrieves the parsed data it requires via a data bus (58) which receives the parsed data from the parser (40).

FIG. 1
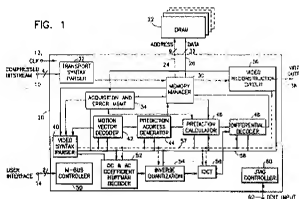
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